

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: August 21, 2003, 15:22:19 ; Search time 29 Seconds  
(without alignments)  
377.880 Million cell updates/sec

Title: US-09-826-212A-2

Perfect score: 1382

Sequence: 1 MARIPKTKFVVIVAVLPLVLA...YLSCTIGIIVLIVLIVFV 259

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep.\*

2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep.\*

3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep.\*

4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep.\*

5: /cgn2\_6/ptodata/1/1aa/6C.COMB.pep.\*

6: /cgn2\_6/ptodata/1/1aa/6D.COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1382	100.0	259	US-09-006-353A-2	Sequence 2, Appl1
2	1382	100.0	259	US-09-573-986-2	Sequence 2, Appl1
3	1382	100.0	259	US-09-153-927-3	Sequence 3, Appl1
4	1382	100.0	259	US-09-134-618-2	Sequence 4, Appl1
5	1382	100.0	259	US-10-039-785-2	Sequence 2, Appl1
6	634	45.9	386	US-09-086-483A-2	Sequence 2, Appl1
7	634	45.9	386	US-09-580-212-2	Sequence 2, Appl1
8	634	45.9	386	US-10-039-785-4	Sequence 2, Appl1
9	627	45.4	386	US-09-130-491-6	Sequence 4, Appl1
10	472	34.2	234	US-09-130-491-12	Sequence 12, Appl1
11	472	34.2	467	US-09-086-483A-6	Sequence 6, Appl1
12	472	34.2	467	US-09-580-212-6	Sequence 6, Appl1
13	472	34.2	468	US-09-013-895A-2	Sequence 2, Appl1
14	472	34.2	468	US-09-565-918-2	Sequence 2, Appl1
15	472	34.2	468	US-09-448-868-2	Sequence 2, Appl1
16	472	34.2	468	US-10-039-785-1	Sequence 1, Appl1
17	452	32.7	350	US-09-134-618-6	Sequence 6, Appl1
18	448	32.4	440	US-08-883-036A-2	Sequence 2, Appl1
19	448	32.4	440	US-09-536-201-2	Sequence 2, Appl1
20	398.5	28.8	424	US-09-333-593A-8	Sequence 8, Appl1
21	383.5	27.7	411	US-09-134-618-2	Sequence 2, Appl1
22	380.5	27.5	412	US-09-333-593A-2	Sequence 2, Appl1
23	379.5	27.5	411	US-09-329-633A-2	Sequence 2, Appl1
24	379.5	27.5	411	US-09-078-029-1	Sequence 1, Appl1
25	379.5	27.5	411	US-10-039-785-3	Sequence 3, Appl1
26	236.5	17.1	303	US-09-333-593A-4	Sequence 4, Appl1
27	212	15.3	368	US-08-651-579-2	Sequence 2, Appl1

28	201.5	14.6	427	3	US-09-086-483A-4	Sequence 4, Appl1
29	201.5	14.6	427	3	US-09-041-886-2	Sequence 2, Appl1
30	201.5	14.6	427	3	US-09-006-353A-5	Sequence 5, Appl1
31	201.5	14.6	427	4	US-09-573-986-5	Sequence 5, Appl1
32	201.5	14.6	427	4	US-09-580-212-4	Sequence 4, Appl1
33	201.5	14.6	455	4	US-09-527-236A-4	Sequence 4, Appl1
34	184.5	13.4	224	3	US-08-974-022-50	Sequence 50, Appl1
35	184.5	13.4	224	3	US-08-795-445A-50	Sequence 50, Appl1
36	184.5	13.4	224	3	US-08-974-186-50	Sequence 50, Appl1
37	184.5	13.4	224	3	US-08-795-446B-50	Sequence 50, Appl1
38	184.5	13.4	224	3	US-08-706-945D-137	Sequence 137, App
39	184.5	13.4	224	4	US-09-180-100-22	Sequence 22, Appl1
40	184.5	13.3	438	1	US-08-097-827-11	Sequence 11, Appl1
41	183.5	13.3	438	1	US-08-494-574-11	Sequence 11, Appl1
42	183.5	13.3	360	4	US-09-180-100-11	Sequence 11, Appl1
43	178.5	12.9	518	1	US-08-385-229-4	Sequence 4, Appl1
44	178.5	12.9	518	4	US-09-579-845-1	Sequence 1, Appl1
45	178.5	12.9	518	4	US-09-579-845-1	Sequence 1, Appl1

## ALIGNMENTS

RESULT 1  
US-09-006-353A-2  
; Sequence 2, Application US/09006353A  
; Patent No. 6261801  
GENERAL INFORMATION:  
APPLICANT: WEI, YING-FEI  
APPLICANT: YU, GUO-LIANG  
APPLICANT: GENTZ, REINER  
APPLICANT: RUBEN, STEVEN  
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR 5  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HUMAN GENOME SCIENCES, INC.  
STREET: 9410 KEY WEST AVENUE  
CITY: ROCKVILLE  
STATE: MD  
COUNTRY: US  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/006,353A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: BROOKES, ANDERS A  
REGISTRATION NUMBER: 36,373  
REFERENCE/DOCKET NUMBER: PF341  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (301) 309-8504  
TELEFAX: (301) 309-8512  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 259 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-006-353A-2

Query Match 100.0%; Score 1382; DB 3; Length 259;  
Best Local Similarity 100.0%; Pred. No. 6.9e-102;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPKTKFVVIVAVLPLVLAISATTAAROEVPQCTVAAPQOORHSGEGCPAGSHRS 60  
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Db 1 MARIPKTKFVVIVAVLPLVLAISATTAAROEVPQCTVAAPQOORHSGEGCPAGSHRS 60

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Db 61 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 120
QY 121 SPEMCRKCSRCPSGGEVONSCTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 180
      |||
Db 121 SPEMCRKCSRCPSGGEVONSCTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 180
QY 181 ETMNTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 240
      |||
Db 181 ETMNTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 240
QY 241 LSCTIGIIVLIVLLIVFV 259
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Db 241 LSCTIGIIVLIVLLIVFV 259
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RESULT 2
US-09-573-986-2
; Sequence 2, Application US/09573986
; Patent No. 6455040
; GENERAL INFORMATION:
; APPLICANT: Wei, Ying-Fei
; APPLICANT: Ni, Jian
; APPLICANT: Genz, Reiner
; APPLICANT: Ruben, Steven
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor 5
; FILE REFERENCE: 1488.128004
; CURRENT APPLICATION NUMBER: US/09/573,986
; CURRENT FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-573-986-2
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Query Match 100.0%; Score 1382; DB 4; Length 259;
Best Local Similarity 100.0%; Pred. No. 6,9e-102;
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTARQEEVPOQTVAPOOHRHSFKGEECPAGSHRS 60
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QY 61 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 120
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Db 181 ETMNTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 240
QY 241 LSCTIGIIVLIVLLIVFV 259
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Db 241 LSCTIGIIVLIVLLIVFV 259
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RESULT 3
US-09-153-927-3
; Sequence 3, Application US/09153927A
; Patent No. 6267022
; GENERAL INFORMATION:
; APPLICANT: McDonnell, Peter C.
; APPLICANT: Young, Peter R.
; APPLICANT: Zou, Jun
; TITLE OF INVENTION: A Method of Identifying Agonists and
; TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3
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; TITLE OF INVENTION: and TR5
; FILE REFERENCE: GH50031
; CURRENT APPLICATION NUMBER: US/09/153,927A
; CURRENT FILING DATE: 1998-09-16
; EARLIER APPLICATION NUMBER: 60/061,334
; EARLIER FILING DATE: 1997-10-08
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-09-153-927-3
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Query Match 100.0%; Score 1382; DB 3; Length 299;
Best Local Similarity 100.0%; Pred. No. 8,3e-102;
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTARQEEVPOQTVAPOOHRHSFKGEECPAGSHRS 60
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Db 41 MARIPTLKFVVIVAVLLPVLAYSATTARQEEVPOQTVAPOOHRHSFKGEECPAGSHRS 100
QY 61 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 120
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Db 101 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 160
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Db 161 SPEMCRKCSRCPSGGEVONSCTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 220
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Db 221 ETMNTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 280
QY 241 LSCTIGIIVLIVLLIVFV 259
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Db 281 LSCTIGIIVLIVLLIVFV 299
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RESULT 4
US-09-134-618-4
; Sequence 4, Application US/09134618
; Patent No. 6417328
; GENERAL INFORMATION:
; APPLICANT: Alnemrl, Emdad S.
; TITLE OF INVENTION: NOVEL TRAIL RECEPTORS, NUCLEIC ACIDS ENCODING SAME, AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 480140.432
; CURRENT APPLICATION NUMBER: US/09/134,618
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 4
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-134-618-4
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Query Match 100.0%; Score 1382; DB 4; Length 299;
Best Local Similarity 100.0%; Pred. No. 8,3e-102;
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTARQEEVPOQTVAPOOHRHSFKGEECPAGSHRS 60
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Db 41 MARIPTLKFVVIVAVLLPVLAYSATTARQEEVPOQTVAPOOHRHSFKGEECPAGSHRS 100
QY 61 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 120
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Db 101 EHTGACNPCTEGVDYTNASNNBSCFPCCTVCKSDQKHSSCTMTROTVCCCKECTFNNEN 160
QY 121 SPEMCRKCSRCPSGGEVONSCTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 180
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QY 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 240  
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QY 241 LSCITVGIIVLIVLLIVFV 259  
Db 281 LSCITVGIIVLIVLLIVFV 299

## RESULT 5

US-10-039-785-2  
; Sequence 2, Application US/10039785  
; Patent No. 6538938  
; GENERAL INFORMATION:  
; APPLICANT: Salcedo et al.  
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL  
; FILE REFERENCE: PF550  
; CURRENT APPLICATION NUMBER: US/10/039,785  
; PRIOR APPLICATION NUMBER: 2002-05-07  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/369,860  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/341,237  
; PRIOR FILING DATE: 2001-12-20  
; PRIOR APPLICATION NUMBER: 60/331,310  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/331,044  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 60/327,364  
; PRIOR FILING DATE: 2001-10-09  
; PRIOR APPLICATION NUMBER: 60/323,807  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: 60/309,176  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: 60/294,981  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/293,473  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 66  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 299  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-039-785-2

Query Match 100.0%; Score 1382; DB 4; Length 299;  
Best Local Similarity 100.0%; Pred. No. 8.3e-102;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARPKLTKFVYVAVLLPVLAISATTAROEVPQOTVAPQOORHSEKGECPAGSHRS 60  
Db 41 MARPKLTKFVYVAVLLPVLAISATTAROEVPQOTVAPQOORHSEKGECPAGSHRS 100  
QY 61 EHTGACNPGTEGVYVYTNASNNPSCFCTVCKSDQKHSSCTMTRDVYCOCKEFTFRHN 120  
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QY 121 SPENCRCRSCRPSEGEVVSNTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 180  
Db 161 SPENCRCRSCRPSEGEVVSNTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAE 220  
QY 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 240  
Db 221 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHY 280  
QY 241 LSCITVGIIVLIVLLIVFV 259  
Db 281 LSCITVGIIVLIVLLIVFV 299

## RESULT 6

## US-09-086-483A-2

; Sequence 2, Application US/09086483A  
; Patent No. 6214580  
; GENERAL INFORMATION:  
; APPLICANT: NI, et al.  
; TITLE OF INVENTION: HUMAN TUMOR NECROSIS FACTOR RECEPTOR TR10  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.  
; STREET: 9410 KEY WEST AVENUE  
; CITY: ROCKVILLE  
; STATE: MD  
; COUNTRY: US  
; ZIP: 20850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/086,483A  
; FILING DATE: May-29-98  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/069,112  
; FILING DATE: Dec-9-97  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROOKES, ANDERS A.  
; REGISTRATION NUMBER: 36,373  
; REFERENCE/DOCKET NUMBER: PF379  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (301) 309-8504  
; TELEFAX: (301) 309-8439  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 386 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-086-483A-2

Query Match 45.9%; Score 634; DB 3; Length 386;  
Best Local Similarity 51.8%; Pred. No. 1.3e-42;  
Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;

QY 5 PKTLKFPVYVAVLLPVLAISATTAROEVPQOTVAPQOORHSEKGECPAGSHRSEHTG 64  
Db 35 PKTLKFPVYVAVLLPVRAVDSATIPRODEVPOQVAPQOORHSEKGECPAGSHRSEYTG 94  
QY 65 ACNPCTGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDVYCOCKEFTFRHN 124  
Db 95 ACNPCTGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDVYCOCKEFTFRHN 154  
QY 125 CRKC-SRPCSEGEVVSNTSMDDIQCVEEFGANATVETPAAEETMTSPGTPAPAAEETM 183  
Db 155 CRTRCTGCPRMVAVSNTPRSDIKKNESAASSTGKTPAAEETVTTILG----- 204  
QY 184 NTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPASSHYISC 243  
Db 205 -----MLASP-----YHYLLI 215  
QY 244 TVIGIIVLIVLLIVFV 258  
Db 216 IVLVLLIVLVVGF 230

## RESULT 7

US-09-580-212-2

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; Sequence 2, Application US/09580212
; Patent No. 6506569
; GENERAL INFORMATION:
; APPLICANT: NI, Jian et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR10
; FILE REFERENCE: PF379p1
; CURRENT APPLICATION NUMBER: US/09/580,212
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/136,786
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: 60/142,563
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 60/144,023
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-580-212-2

Query Match          45.9%; Score 634; DB 4; Length 386;
Best Local Similarity 51.8%; Pred. No. 1.3e-42;
Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;

QY 5 PRTKEFVVIVAVLLPVLAAYATTAROEYPOQTVAPOOQRHSFKGECPCAGSHRSEHTG 64
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 35 PRTKEFVVIVAVLLPVLRVDSATIPRQDEVPOQTVAPOOQRSLKEECPCAGSHRSEYTG 94
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 65 ACNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 124
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Db 95 ACNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 154
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QY 125 CRKC-SRCPGEGVQVNSCTSMDDICVEEFGANATVETPAEETMTSPCTPAPAEETM 183
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Db 155 CRKCRGCGPCGMKAVNSCTPRSDICKNESASSTGTCTPAEETVTTILG----- 204
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 184 NTSPTGPAPAEETMTSPCTPAPAEETMTSPCTPAPAEETMTSPCTPAPASHYLSG 243
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Db 205 -----MLASP-----YHLLI 215
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QY 244 TIVGIIVLVLIIVF 258
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Db 216 IIVLVIIIAVVVGF 230
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RESULT 8
US-10-039-785-4
; Sequence 4, Application US/10039785
; Patent No. 6538938
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF550
; CURRENT APPLICATION NUMBER: US/10/039,785
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/369,860
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/331,310
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/331,044
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/327,364
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
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; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 4
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-039-785-4

Query Match          45.9%; Score 634; DB 4; Length 386;
Best Local Similarity 51.8%; Pred. No. 1.3e-42;
Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;

QY 5 PRTKEFVVIVAVLLPVLAAYATTAROEYPOQTVAPOOQRHSFKGECPCAGSHRSEHTG 64
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 35 PRTKEFVVIVAVLLPVLRVDSATIPRQDEVPOQTVAPOOQRSLKEECPCAGSHRSEYTG 94
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 65 ACNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 124
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 95 ACNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 154
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 125 CRKC-SRCPGEGVQVNSCTSMDDICVEEFGANATVETPAEETMTSPCTPAPAEETM 183
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 155 CRKCRGCGPCGMKAVNSCTPRSDICKNESASSTGTCTPAEETVTTILG----- 204
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 184 NTSPTGPAPAEETMTSPCTPAPAEETMTSPCTPAPAEETMTSPCTPAPASHYLSG 243
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 205 -----MLASP-----YHLLI 215
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 244 TIVGIIVLVLIIVF 258
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 216 IIVLVIIIAVVVGF 230
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RESULT 9
US-09-130-491-6
; Sequence 6, Application US/09130491
; Patent No. 6416974
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: TANGO-71, TANGO-73, TANGO-74, TANGO-76, AND TANGO-83
; FILE REFERENCE: 09404/041001
; CURRENT APPLICATION NUMBER: US/09/130,491
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: US 60/058,108
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/054,961
; EARLIER FILING DATE: 1997-08-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-130-491-6

Query Match          45.4%; Score 627; DB 4; Length 386;
Best Local Similarity 51.6%; Pred. No. 4.8e-42;
Matches 131; Conservative 22; Mismatches 41; Indels 60; Gaps 3;

QY 6 PRTKEFVVIVAVLLPVLAAYATTAROEYPOQTVAPOOQRHSFKGECPCAGSHRSEHTGA 65
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 36 PRTKEFVVIVAVLLPVLRVDSATIPRQDEVPOQTVAPOOQRSLKEECPCAGSHRSEYTG 95
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 66 CNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 125
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 96 CNPCTEGVDYTNASNNBSCFPCYVCKSDQKHSSCTMTTRDYVCCCKEGTFRNENSPEN 155
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 126 RRC-SRCPGEGVQVNSCTSMDDICVEEFGANATVETPAEETMTSPCTPAPAEETM 184
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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Db      156  RTCRFGCBGMKVCNSCPSPRIDKCKNEBAASTGKTPAAEVTWILG----- 204
OY      185  TSPGTPAPAAEETMTTSTGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHYLST 244
Db      205  -----MASP-----YHYLIIII 216
OY      245  IGVGIIVLIVLIVE 258
          :|:|:| |::|
          217  VVIVIIIIIVVVVGF 230

RESULT 10
US-09-130-491-12
: Sequence 12, Application US/09130491
: Patent No. 6416974
: GENERAL INFORMATION:
: APPLICANT: Holzman, Douglas A.
: APPLICANT: Goodheart, Andrew D.J.
: TITLE OF INVENTION: TANGO-71, TANGO-73, TANGO-74, TANGO-76, AND TANGO-83
: FILE REFERENCE: 09404/041001
: CURRENT APPLICATION NUMBER: US/09/130,491
: CURRENT FILING DATE: 1998-08-07
: EARLIER APPLICATION NUMBER: US 60/058,108
: EARLIER FILING DATE: 1997-09-05
: EARLIER APPLICATION NUMBER: US 60/054,961
: EARLIER FILING DATE: 1997-08-06
: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 12
: LENGTH: 234
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-130-491-12

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Query Match Similarity      34.2% ; Score 472; DB 4; Length 234;
Best Local Similarity      58.7% ; Pred. No. 4.6e-30;
Matches          91; Conservative    16; Mismatches   42; Indels     6; Gaps       3

OY      3 RIPKTLKEFVVIVIAVLLPYLAYSATTAROEVEVPQQTAFAPQOOHRHSFKEGECPAGSHRSEH 62
        | : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB      58 RVHKTKFKFYV--VGVLGVPPSPSANTIKLHD---QSIGTQQWMSHSLGELCPRPGSHRSER 112A
        | : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY      63 TGACPCPTCEGDVTYNASNNBSCFPCTVCKSDDQKHSSCTMTRDYVCCCKEGTFERNENSP 122
        ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB      113 PGACRCRTCEGGVGYTYNASNNLFACLPCPTACKSDEERSRSPCTTTNTACQCCKPGETFRNDNSA 172Z
        | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY.     123 EMCRCRSR-CPSGEYOVSNCSTSMDDIOCGEEBGN 156
        ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB      173 EMCRCRCSGTGCPRGMYKVAKDCITPMSDIECVHKESGN 207

RESULT 11
US-09-086-483A-6
; Sequence 6, Application US/09086483A
; Patent No. 6214580
; GENERAL INFORMATION:
; APPLICANT: NI, et al.
; TITLE OF INVENTION: HUMAN TUMOR NECROSIS FACTOR RECEPTOR TR10
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.
; STREET: 9410 KEY WEST AVENUE
; CITY: ROCKVILLE
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/086,483A

```

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1      FILING DATE: May-29-98
2      CLASSIFICATION: 435
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: 60/050,936
5      FILING DATE: May-30-97
6      CLASSIFICATION: 435
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER: 60/069,112
9      FILING DATE: Dec-9-97
10     CLASSIFICATION: 435
11     ATTORNEY/AGENT INFORMATION:
12     NAME: BROOKS, ANDERS A.
13     REGISTRATION NUMBER: 36,373
14     REFERENCE/DOCKET NUMBER: P3379
15     TELECOMMUNICATION INFORMATION:
16     TELEPHONE: (301) 309-8504
17     TELEFAX: (301) 309-8439
18     INFORMATION FOR SEQ ID NO: 6:
19     SEQUENCE CHARACTERISTICS:
20     LENGTH: 467 amino acids
21     TYPE: amino acid
22     STRANDEDNESS: single
23     TOPOLOGY: linear
24     MOLECULE TYPE: protein
25     US-09-086-483A-6

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[illegible]

Db 87 RHAKTKFVY--VGLLQVPPSSAATIKLHD--QSIGTQWHSPLGELCPGSHRSR 141  
QY 63 TGACNCTEGVDYTNASNNPSCFCTVCKSDQKHKSSCTMTBDYVQCCKEGTFRRNSP 122  
Db 142 PGACNCTEGVGTNNSNLFACLPCTACKSDEERSPCTTTNTACQCKPGTFRRNDSA 201  
QY 123 EMCRCRCSR-CPGSEVOVSNCTSWDIIQCYEEFGAN 156  
Db 202 EMCRCRSTGCGPRGMVAVKDCPTPMSDIECVHKESGN 236

## RESULT 13

US-09-013-895A-2  
Sequence 2, Application US/09013895A  
Patent No. 6342363  
GENERAL INFORMATION:  
APPLICANT: NI, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Pan, James G.  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Dixit, Vishva M.  
TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death  
TITLE OF INVENTION: Receptor 4), Member of the TNF-Receptor  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HUMAN GENOME SCIENCES, INC.  
STREET: 9410 KEY WEST AVENUE  
CITY: ROCKVILLE  
STATE: MD  
COUNTRY: US  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/013,895A  
FILING DATE: 27-JAN-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: STEFF, ERIC K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488,1300002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 468 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-013-895A-2

Query Match 34.2%; Score 472; DB 4; Length 468;  
Best Local Similarity 58.7%; Pred. No. 1.1e-29;  
Matches 91; Conservative 16; Mismatches 42; Indels 6; Gaps 3;

QY 3 RIPIKTFYVYVAVLLPVLAYSATTAROEVEVQQTVAPOQQRHSRGECECPGSHRSEH 62  
Db 87 RHAKTKFVY--VGLLQVPPSSAATIKLHD--QSIGTQWHSPLGELCPGSHRSR 141  
QY 63 TGACNCTEGVDYTNASNNPSCFCTVCKSDQKHKSSCTMTBDYVQCCKEGTFRRNSP 122  
Db 142 PGACNCTEGVGTNNSNLFACLPCTACKSDEERSPCTTTNTACQCKPGTFRRNDSA 201  
QY 123 EMCRCRCSR-CPGSEVOVSNCTSWDIIQCYEEFGAN 156  
Db 202 EMCRCRSTGCGPRGMVAVKDCPTPMSDIECVHKESGN 236

RESULT 14  
US-09-565-918-2  
Sequence 2, Application US/09565918  
Patent No. 6433147  
GENERAL INFORMATION:  
APPLICANT: NI, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Pan, James G.  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Dixit, Vishva M.  
TITLE OF INVENTION: Death Domain Containing Receptor 4  
FILE REFERENCE: 1488,1300005  
CURRENT APPLICATION NUMBER: US/09/565,918  
CURRENT FILING DATE: 2000-05-05  
PRIOR APPLICATION NUMBER: US 60/132,922  
PRIOR FILING DATE: 1999-05-06  
PRIOR APPLICATION NUMBER: US 09/013,895  
PRIOR FILING DATE: 1998-01-27  
PRIOR APPLICATION NUMBER: US 60/037,829  
PRIOR FILING DATE: 1997-02-05  
PRIOR APPLICATION NUMBER: US 60/035,722  
PRIOR FILING DATE: 1997-01-28  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 2  
LENGTH: 468  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-565-918-2

Query Match 34.2%; Score 472; DB 4; Length 468;  
Best Local Similarity 58.7%; Pred. No. 1.1e-29;  
Matches 91; Conservative 16; Mismatches 42; Indels 6; Gaps 3;

QY 3 RIPIKTFYVYVAVLLPVLAYSATTAROEVEVQQTVAPOQQRHSRGECECPGSHRSEH 62  
Db 87 RHAKTKFVY--VGLLQVPPSSAATIKLHD--QSIGTQWHSPLGELCPGSHRSR 141  
QY 63 TGACNCTEGVDYTNASNNPSCFCTVCKSDQKHKSSCTMTBDYVQCCKEGTFRRNSP 122  
Db 142 PGACNCTEGVGTNNSNLFACLPCTACKSDEERSPCTTTNTACQCKPGTFRRNDSA 201  
QY 123 EMCRCRCSR-CPGSEVOVSNCTSWDIIQCYEEFGAN 156  
Db 202 EMCRCRSTGCGPRGMVAVKDCPTPMSDIECVHKESGN 236

RESULT 15  
US-09-448-868-2  
Sequence 2, Application US/09448868  
Patent No. 6461823  
GENERAL INFORMATION:  
APPLICANT: NI, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Pan, James G.  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Dixit, Vishva M.  
TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death  
TITLE OF INVENTION: Receptor 4), Member of the TNF-Receptor  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HUMAN GENOME SCIENCES, INC.  
STREET: 9410 KEY WEST AVENUE  
CITY: ROCKVILLE  
STATE: MD  
COUNTRY: US  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

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1  CURRENT APPLICATION DATA:
2  APPLICATION NUMBER: US/09/448,868
3  FILING DATE: HERMWITH
4  CLASSIFICATION:
5  PRIOR APPLICATION DATA:
6  APPLICATION NUMBER: 09/013,895
7  FILING DATE: 27-JAN-1998
8  CLASSIFICATION:
9  ATTORNEY/AGENT INFORMATION:
10 NAME: STEFFE, ERIC K.
11 REGISTRATION NUMBER: 36,668
12 REFERENCE/DOCKET NUMBER: 1488.1390004
13 TELECOMMUNICATION INFORMATION:
14 TELEPHONE: (202) 371-2600
15 TELEFAX: (202)371-2540
16 INFORMATION FOR SEQ ID NO: 2:
17 SEQUENCE CHARACTERISTICS:
18     LENGTH: 468 amino acids
19     TYPE: amino acid .
20     TOPOLOGY: linear
21     MOLECULE TYPE: protein
22 US-09-448-868-2

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Query Match	34.2%	Score 472;	DB 4;	length 468;
Best Local Similarity	58.7%	Pred. No. 1.1e-29;		
Matches	91;	Conservative	16;	Mismatches 42;
				Indels 6;
				Gaps 3;

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QY  RIKTKLFPVYIVAVLLPVLASANTARQEEVPOQTVAPOQQRISFKGEECPASHNSEH 62
Db  87 RVKRTKEFPVY--GVGLQVPPSSAAITIKLHD---QSIGTQWEHSPLELCPSPSHSER 141
QY  63 TGACNCTGEGVDVTNASNNEPSCPCQVTKSDQKHKSSCTMTRDVYVQCCKGEGFRINNSP 122
Db  142 PGACNCTGEGVGTNASNNLFPACLPCTACKSPDEERSCTTTNATCAQCKGEGFRINDNSA 201
QY  123 EMCRCRSR--CPGSEGVYNSCTSMDDIQCYEEPGAN 156
Db  202 EMCRCKSTGCPRGMAVYVKDCITPMASDIECHHKSGN 236

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Search completed: August 21, 2003, 15:25:09  
Job time : 31 secs





GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 21, 2003, 15:24:14 ; Search time 57 Seconds  
(without alignments)  
599.616 Million cell updates/sec

Title: US-09-826-212a-2  
Perfect score: 1382  
Sequence: 1 MARIPTKLFVIVAVLLP.....YLSCITVIGIVLIVLIVFY 259

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 497079 seqs, 131961718 residues

Total number of hits satisfying chosen parameters: 497079

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications\_AA:\*  
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2: /cgn2\_6/ptodata/2/pubppaa/PCT\_NEW\_PUB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1382	100.0	259	9 US-09-826-212-2	Sequence 2, Appl1
2	1382	100.0	259	10 US-09-887-879-1	Sequence 1, Appl1
3	1382	100.0	259	10 US-09-992-964-1	Sequence 300, App
4	1382	100.0	259	12 US-10-137-870-300	Sequence 300, App
5	1382	100.0	259	12 US-10-140-018-300	Sequence 300, App
6	1382	100.0	259	12 US-10-140-021-300	Sequence 300, App
7	1382	100.0	259	12 US-10-140-274-300	Sequence 300, App
8	1382	100.0	259	12 US-10-140-471-300	Sequence 300, App
9	1382	100.0	259	12 US-10-140-807-300	Sequence 300, App
10	1382	100.0	259	12 US-10-140-922-300	Sequence 300, App
11	1382	100.0	259	12 US-10-140-924-300	Sequence 300, App
12	1382	100.0	259	12 US-10-140-926-300	Sequence 300, App
13	1382	100.0	259	12 US-10-141-698-300	Sequence 300, App
14	1382	100.0	259	12 US-10-141-702-300	Sequence 300, App
15	1382	100.0	259	12 US-10-141-704-300	Sequence 300, App

16	1382	100.0	259	12 US-10-142-421-300	Sequence 300, App
17	1382	100.0	259	12 US-10-142-432-300	Sequence 300, App
18	1382	100.0	259	12 US-10-142-767-300	Sequence 300, App
19	1382	100.0	259	12 US-10-143-033-300	Sequence 300, App
20	1382	100.0	259	12 US-10-144-994-300	Sequence 300, App
21	1382	100.0	259	12 US-10-145-628-300	Sequence 300, App
22	1382	100.0	259	12 US-10-145-631-300	Sequence 300, App
23	1382	100.0	259	12 US-10-145-633-300	Sequence 300, App
24	1382	100.0	259	12 US-10-145-746-300	Sequence 300, App
25	1382	100.0	259	12 US-10-145-748-300	Sequence 300, App
26	1382	100.0	259	12 US-10-145-823-300	Sequence 300, App
27	1382	100.0	259	12 US-10-145-826-300	Sequence 300, App
28	1382	100.0	259	12 US-10-145-870-300	Sequence 300, App
29	1382	100.0	259	12 US-10-147-501-300	Sequence 300, App
30	1382	100.0	259	12 US-10-147-504-300	Sequence 300, App
31	1382	100.0	259	12 US-10-147-506-300	Sequence 300, App
32	1382	100.0	259	12 US-10-147-509-300	Sequence 300, App
33	1382	100.0	259	12 US-10-147-510-300	Sequence 300, App
34	1382	100.0	259	12 US-10-147-511-300	Sequence 300, App
35	1382	100.0	259	12 US-10-147-529-300	Sequence 300, App
36	1382	100.0	259	12 US-10-147-504-300	Sequence 300, App
37	1382	100.0	259	12 US-10-147-506-300	Sequence 300, App
38	1382	100.0	259	12 US-10-147-509-300	Sequence 300, App
39	1382	100.0	259	12 US-10-147-510-300	Sequence 300, App
40	1382	100.0	259	12 US-10-147-511-300	Sequence 300, App
41	1382	100.0	259	12 US-10-147-529-300	Sequence 300, App
42	1382	100.0	259	12 US-10-152-397-300	Sequence 300, App
43	1382	100.0	259	12 US-10-153-586-300	Sequence 300, App
44	1382	100.0	259	12 US-10-158-783-300	Sequence 300, App
45	1382	100.0	259	12 US-10-158-786-300	Sequence 300, App

## ALIGNMENTS

RESULT 1  
US-09-826-212-2  
Sequence 2, Application US/09826212  
Patent No. US20010021516A1  
GENERAL INFORMATION:  
APPLICANT: Wei, Ying-Fei  
APPLICANT: Gentz, Reiner  
APPLICANT: Ruben, Steven  
APPLICANT: Ni, Jian  
TITLE OR INVENTION: Tumor Necrosis Factor Receptor 5  
FILE REFERENCE: 1468.128006  
CURRENT APPLICATION NUMBER: US/09/826, 212  
CURRENT FILING DATE: 2001-04-05  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-826-212-2

Query Match	100.0%	Score 1382;	DB 9;	Length 259;
Best Local Similarity	100.0%;	Pred. No. 3,5e-90;		
Matches 259;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
OY	1	MARIPTKLFVIVAVLLPVLAVSATTAAOEVPPOOTVAPPOOQRHSFKGECPAGSHRS	60	
DB	1	MARIPTKLFVIVAVLLPVLAVSATTAAOEVPPOOTVAPPOOQRHSFKGECPAGSHRS	60	
OY	61	EHTGACNPCTEGVDYTNASNNBSCFCTVCKSDQKHSSCTMTROTVCCKEGTFNNEN	120	
DB	61	EHTGACNPCTEGVDYTNASNNBSCFCTVCKSDQKHSSCTMTROTVCCKEGTFNNEN	120	
OY	121	SPMCRGCRSCPGSEGVNSCTSWDDIQCVEEGGAANTVTTPAAEFTMTSPGTPAAAE	180	
DB	121	SPMCRGCRSCPGSEGVNSCTSWDDIQCVEEGGAANTVTTPAAEFTMTSPGTPAAAE	180	
OY	181	ETMTSPGTPAPAAEFTMTSPGTPAPAAEFTMTSPGTPAPAAEFTMTSPGTPASSHY	240	

Db 181 ETWNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
QY 241 LSCITIGIIVLIVLIVFV 259  
Db 241 LSCITIGIIVLIVLIVFV 259

## RESULT 2

US-09-887-879-1  
; Sequence 1, Application US/09887879  
; Patent No. US20020102706A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chuntharapel, Anan  
; APPLICANT: Gurney, Austin  
; APPLICANT: Kim, Kyung Jin  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Apo-2DCR  
; FILE REFERENCE: P1110P1  
; CURRENT APPLICATION NUMBER: US/09/887,879  
; CURRENT FILING DATE: 2001-06-21  
; PRIOR APPLICATION NUMBER: 09/096,500  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: US 60/049,911  
; PRIOR FILING DATE: 1997-06-18  
; - NUMBER OF SEQ ID NOS: 17  
; SEQ ID NO 1  
; LENGTH: 259  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-887-879-1

Query Match 100.0%; Score 1382; DB 10; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTAQOEVPQOTVAPQOQRHSFGKECPAGSHRS 60  
Db 1 MARIPTLKFVVIVAVLLPVLAYSATTAQOEVPQOTVAPQOQRHSFGKECPAGSHRS 60  
QY 61 EHTGACNPGCTEGVDYTNASNNPSCPCCTVCKSDQKHKSCTMTROTVCCKEGTRENEN 120  
Db 61 EHTGACNPGCTEGVDYTNASNNPSCPCCTVCKSDQKHKSCTMTROTVCCKEGTRENEN 120  
QY 121 SPMCKRCKSCRCPGEGVOVSNCTSMDDIQCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
Db 121 SPMCKRCKSCRCPGEGVOVSNCTSMDDIQCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
QY 181 ETWNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
Db 181 ETWNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
QY 241 LSCITIGIIVLIVLIVFV 259  
Db 241 LSCITIGIIVLIVLIVFV 259

## RESULT 3

US-09-992-964-1  
; Sequence 1, Application US/0992964  
; Patent No. US20020161202A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin  
; APPLICANT: Gurney, Austin  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: Apo-2DCR  
; FILE REFERENCE: P1110  
; CURRENT APPLICATION NUMBER: US/09/992,964  
; CURRENT FILING DATE: 2001-11-19  
; PRIOR APPLICATION NUMBER: 08/878,168

; PRIOR FILING DATE: 1997-06-18  
; NUMBER OF SEQ ID NOS: 17  
; SEQ ID NO 1  
; LENGTH: 259  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-992-964-1

Query Match 100.0%; Score 1382; DB 10; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTAQOEVPQOTVAPQOQRHSFGKECPAGSHRS 60  
Db 1 MARIPTLKFVVIVAVLLPVLAYSATTAQOEVPQOTVAPQOQRHSFGKECPAGSHRS 60  
QY 61 EHTGACNPGCTEGVDYTNASNNPSCPCCTVCKSDQKHKSCTMTROTVCCKEGTRENEN 120  
Db 61 EHTGACNPGCTEGVDYTNASNNPSCPCCTVCKSDQKHKSCTMTROTVCCKEGTRENEN 120  
QY 121 SPMCKRCKSCRCPGEGVOVSNCTSMDDIQCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
Db 121 SPMCKRCKSCRCPGEGVOVSNCTSMDDIQCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
QY 181 ETWNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
Db 181 ETWNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
QY 241 LSCITIGIIVLIVLIVFV 259  
Db 241 LSCITIGIIVLIVLIVFV 259

## RESULT 4

US-10-137-870-300  
; Sequence 300, Application US/10137870  
; Publication No. US20030138883A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Laureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Geriltsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Collin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C155  
; CURRENT APPLICATION NUMBER: US/10/137,870  
; PRIOR APPLICATION removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 300  
; LENGTH: 259  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-137-870-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVIVAVLLPVLAYSATTAQOEVPQOTVAPQOQRHSFGKECPAGSHRS 60

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Db 1 MARIPKTLKFVVYIYAVLLPYLAYSATTAROEVEVPOQTVAPQOQRHSFGEECPAGSHRS 60
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
Db 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
QY 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
Db 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
QY 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
Db 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
QY 241 LSCITVGIIVLIVLIVFV 259
Db 241 LSCITVGIIVLIVLIVFV 259
```

## RESULT 5

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US-10-140-018-300
; Sequence 300, Application US/10140018
; Publication No. US2003013885A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C158
; CURRENT APPLICATION NUMBER: US/10/140,018
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 300
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-018-300
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Query Match 100.0%; Score 1382; DB 12; Length 259;
Best Local Similarity 100.0%; Pred. No. 3.5e-90;
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MARIPKTLKFVVYIYAVLLPYLAYSATTAROEVEVPOQTVAPQOQRHSFGEECPAGSHRS 60
Db 1 MARIPKTLKFVVYIYAVLLPYLAYSATTAROEVEVPOQTVAPQOQRHSFGEECPAGSHRS 60
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
Db 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
QY 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
Db 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
QY 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
Db 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
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Db 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
QY 241 LSCITVGIIVLIVLIVFV 259
Db 241 LSCITVGIIVLIVLIVFV 259
```

## RESULT 6

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US-10-140-021-300
; Sequence 300, Application US/10140021
; Publication No. US2003013886A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C167
; CURRENT APPLICATION NUMBER: US/10/140,021
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 300
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-021-300
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Query Match 100.0%; Score 1382; DB 12; Length 259;
Best Local Similarity 100.0%; Pred. No. 3.5e-90;
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MARIPKTLKFVVYIYAVLLPYLAYSATTAROEVEVPOQTVAPQOQRHSFGEECPAGSHRS 60
Db 1 MARIPKTLKFVVYIYAVLLPYLAYSATTAROEVEVPOQTVAPQOQRHSFGEECPAGSHRS 60
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
Db 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDOKHSSCTMTBDYVCOCKEGEFTFRNEN 120
QY 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
Db 121 SPEMCKRCRCPSGEGVQVNSCTSMDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180
QY 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
Db 181 ETMTNTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240
QY 241 LSCITVGIIVLIVLIVFV 259
Db 241 LSCITVGIIVLIVLIVFV 259
```

## RESULT 7

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US-10-140-274-300
; Sequence 300, Application US/10140274
; Publication No. US20030143674A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
```

APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C161  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See File Wrapper or Palm  
- NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-274-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVYIVAVLPLVLAASATTARQEEVPOQTVAPOQRRHSFKGEECPAGSHRS 60  
DB 1 MARIPTLKFVVYIVAVLPLVLAASATTARQEEVPOQTVAPOQRRHSFKGEECPAGSHRS 60  
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCYCKSDQKHKSSCTMTRTDYVCOCKEETFNEN 120  
DB 61 EHTGACNPCTEGVDYTNASNNPSCFPCYCKSDQKHKSSCTMTRTDYVCOCKEETFNEN 120  
QY 121 SPEKCRKCRCPSEGEVSNCTSMDDIQCYEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKCRCPSEGEVSNCTSMDDIQCYEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
QY 181 ETNMTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
DB 181 ETNMTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
QY 241 LSCITVGIIVLYLVLLVFFV 259  
DB 241 LSCITVGIIVLYLVLLVFFV 259

RESULT 8  
US-10-140-471-300

Sequence 300, Application US/10140471  
Publication No. US20030138887A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C163  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See File Wrapper or Palm  
- NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-471-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTLKFVVYIVAVLPLVLAASATTARQEEVPOQTVAPOQRRHSFKGEECPAGSHRS 60  
DB 1 MARIPTLKFVVYIVAVLPLVLAASATTARQEEVPOQTVAPOQRRHSFKGEECPAGSHRS 60  
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCYCKSDQKHKSSCTMTRTDYVCOCKEETFNEN 120  
DB 61 EHTGACNPCTEGVDYTNASNNPSCFPCYCKSDQKHKSSCTMTRTDYVCOCKEETFNEN 120  
QY 121 SPEKCRKCRCPSEGEVSNCTSMDDIQCYEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKCRCPSEGEVSNCTSMDDIQCYEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
QY 181 ETNMTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
DB 181 ETNMTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPASSHY 240  
QY 241 LSCITVGIIVLYLVLLVFFV 259  
DB 241 LSCITVGIIVLYLVLLVFFV 259

RESULT 9

US-10-140-807-300  
Sequence 300, Application US/10140807  
Publication No. US20030134354A1

GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C174  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
- NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT

ORGANISM: Homo Sapien  
US-10-140-807-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60  
DB 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60

QY 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120  
DB 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120

QY 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180

QY 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240  
DB 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240

QY 241 LSCITVGIIVLIVLIVFV 259  
DB 241 LSCITVGIIVLIVLIVFV 259

RESULT 10  
US-10-140-922-300  
Sequence 300, Application US/10140922  
Publication No. US20030138889A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC179  
CURRENT APPLICATION NUMBER: US/10/140,922  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-922-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60  
DB 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60

QY 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120  
DB 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120

QY 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180

QY 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240  
DB 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240

QY 241 LSCITVGIIVLIVLIVFV 259  
DB 241 LSCITVGIIVLIVLIVFV 259

DB 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120  
QY 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180

QY 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240  
DB 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240

QY 241 LSCITVGIIVLIVLIVFV 259  
DB 241 LSCITVGIIVLIVLIVFV 259

RESULT 11  
US-10-140-924-300  
Sequence 300, Application US/10140924  
Publication No. US20030134355A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC179  
CURRENT APPLICATION NUMBER: US/10/140,924  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-924-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60  
DB 1 MARIPTKLFYVYVAVLLPYLAISATTAROEVPQOTVAPQOORHSKGECPAGSHRS 60

QY 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120  
DB 61 EHTGACNCPCTEGVDYTNASNNPSCFCTVCKSDQKHSSCTMTRDYVCOCKEGTFRNEN 120

QY 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180  
DB 121 SPEKCRKSRCPSEGVQVSNCTSWDDIOCVEEFGANATVETPAAEETMTTSPGTPAPAAE 180

QY 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240  
DB 181 ETMTNTPGTPAPAAEETMTTSPGTPAPAAEETMTTSPGTPAPAAE 240

QY 241 LSCITVGIIVLIVLIVFV 259  
DB 241 LSCITVGIIVLIVLIVFV 259



FILE REFERENCE: P3330R1C208  
CURRENT APPLICATION NUMBER: US/10/141,702  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-702-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;  
Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFVWVIVAVLLPVLAASATTAROEVPQQTVAPOOORHSFKGECPAGSHRS 60  
DB 1 MARIPTKLFVWVIVAVLLPVLAASATTAROEVPQQTVAPOOORHSFKGECPAGSHRS 60  
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDQKHKSCTMTRDIVCOCKEGTFRNEN 120  
DB 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDQKHKSCTMTRDIVCOCKEGTFRNEN 120  
QY 121 SPEKCRKCRCPGSGEVOVSNCTSWDDIQCYEEFGANATVETPAAEETMTSPGTPAPAE 180  
DB 121 SPEKCRKCRCPGSGEVOVSNCTSWDDIQCYEEFGANATVETPAAEETMTSPGTPAPAE 180  
QY 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAEETMTSPGTPASSHY 240  
DB 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAEETMTSPGTPASSHY 240  
QY 241 LSCTIVGIIVLIVLIVFV 259  
DB 241 LSCTIVGIIVLIVLIVFV 259

## RESULT 15

US-10-141-704-300  
Sequence 300, Application US/10141704  
Publication No. US20030134359A1  
GENERAL INFORMATION:  
- APPLICANT: Baker, Kevin P.  
- APPLICANT: Beresini, Maureen  
- APPLICANT: Deforge, Laura  
- APPLICANT: Desnoyers, Luc  
- APPLICANT: Filvaroff, Ellen  
- APPLICANT: Gao, Wei-Qiang  
- APPLICANT: Geriltsen, Mary E.  
- APPLICANT: Goddard, Audrey  
- APPLICANT: Godowski, Paul J.  
- APPLICANT: Gurney, Austin L.  
- APPLICANT: Sherwood, Steven  
- APPLICANT: Smith, Victoria  
- APPLICANT: Stewart, Timothy A.  
- APPLICANT: Tumas, Daniel  
- APPLICANT: Watanabe, Colin K  
- APPLICANT: Wood, William  
- APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C209  
CURRENT APPLICATION NUMBER: US/10/141,704  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 300  
LENGTH: 259  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-704-300

Query Match 100.0%; Score 1382; DB 12; Length 259;  
Best Local Similarity 100.0%; Pred. No. 3.5e-90;

Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MARIPTKLFVWVIVAVLLPVLAASATTAROEVPQQTVAPOOORHSFKGECPAGSHRS 60  
DB 1 MARIPTKLFVWVIVAVLLPVLAASATTAROEVPQQTVAPOOORHSFKGECPAGSHRS 60  
QY 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDQKHKSCTMTRDIVCOCKEGTFRNEN 120  
DB 61 EHTGACNPCTEGVDYTNASNNPSCFPCCTVCKSDQKHKSCTMTRDIVCOCKEGTFRNEN 120  
QY 121 SPEKCRKCRCPGSGEVOVSNCTSWDDIQCYEEFGANATVETPAAEETMTSPGTPAPAE 180  
DB 121 SPEKCRKCRCPGSGEVOVSNCTSWDDIQCYEEFGANATVETPAAEETMTSPGTPAPAE 180  
QY 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAEETMTSPGTPASSHY 240  
DB 181 ETMTSPGTPAPAAEETMTSPGTPAPAAEETMTSPGTPAPAEETMTSPGTPASSHY 240  
QY 241 LSCTIVGIIVLIVLIVFV 259  
DB 241 LSCTIVGIIVLIVLIVFV 259

Search completed: August 21, 2003, 15:33:07  
Job time : 58 secs

